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NPIC/TSSG/DED-1742-69  
24 July 1969

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC

SUBJECT : Status of the Development of 1540 Split-Format Light Tables

1. This memorandum outlines the understanding of DED with respect to the development of prototype 1540 Split-Format Light Tables.

25X1 2. [ ] started development under contract on a  
25X1 prototype 1540 Split-Format Light Table specifically to meet the requirements  
of the next acquisition system to become operational. During progress of  
this development, the construction of a light table was undertaken and  
funded by [ ] that would substantially meet the requirements  
specified in the Development Objectives for the [ ] 1540 Light Table.  
Subsequent testing and evaluation of the [ ] effort indicated that their  
table was in some respects superior to the [ ] prototype and worthy of  
further consideration as competition for [ ]. In view of this, a series  
of meetings was held between various organizational components of NPIC to  
determine a course of action.

3. Development objectives will be formulated for an advanced prototype  
1540 Split-Format Light Table that will include the best features of both  
the earlier prototypes developed by [ ]. The Development  
Objectives will require the submission of cost estimates for a basic instru-  
ment incorporating the following capabilities: 1000 foot rolls of film, 0  
to 76 inch film take-up loop, motorized table elevation, motorized film  
transport, and motorized microstereoscope carriage and mount. In addition,  
cost estimates will be required for the following optional capabilities: 500  
foot rolls of film, 76 inch to 27 foot film take-up loop, motorized 0 to 15  
degree continuous tilt of the illuminated surfaces and optics carriage and  
mount, manual table elevation, manual film transport system, and manual trans-  
port of the microstereoscope carriage and mount. The Development Objectives  
will be forwarded to [ ] with requests for the submission of  
proposals in response to the requirements outlined in the Development  
Objectives.

25X1 4. Based on the proposals submitted, parallel contracts will be awarded  
25X1 to [ ] for the development of prototype light tables, one by each  
company, incorporating the basic or optional features desired on the prototype  
instruments. The prototypes will be subjected to a period of testing and  
evaluation that will determine the relative merits of the instruments. The  
decision can then be made as to whether the [ ] table is more  
desirable, and contracts can be awarded to either or both of the companies  
for production quantities.

Declass Review by NIMA/DOD

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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5. Attached is a tentative time schedule of events leading to the delivery of production model light tables to the Center.



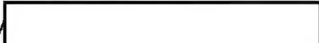
25X1

Chief, Development & Engineering Division,  
TSSG

Attachment:  
As stated

Distribution:

- Orig - NPIC/TSSG
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25X1 NPIC/TSSG/DED/SDB  (24 Jul 69)

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